

Product Data Sheet



Keeler & Long/PPG
856 Echo Lake Road
Watertown, CT 06795
1-800-238-8596



PPG High Performance Coatings

Epoxy Surfacer

KL6548S/KL6548SB

Product Information

Product Codes: KL6548S Part A
KL6548SB Curing Agent, Part B

Product: Polyamine epoxy

Suggested Use: A two component, high solids, polyamine epoxy surfacer formulated to produce a chemical resistant coating system on poured concrete surfaces when used in conjunction with compatible topcoats. Can be used to fill holes in poured concrete walls up to 1/4" in diameter and to smooth out the concrete surfaces subject to radiation, decontamination and loss-of-coolant accidents for Coating Service Level I areas of nuclear power plants.

Not Recommended: Areas other than the above, as KL3400/KL3400B can be utilized in Coating Service Level II and certain Level III areas, as well as Balance of Plant, of nuclear power plants.

Product Description

Color: White

Gloss 60°: Flat

VOC: 1.59 lbs/gal. (191 g/L)

Method: Calculated

Weight/Gallon: 13.6 ± 0.5 lbs./gal. (mixed)

In Service Heat Limitations: 250°F (121°C) maximum, dry heat*

Flash Point: KL6548S 78°F (25.6°C)
KL6548SB 200°F (93.3°C)

Package: KL6548S Part A is available in short filled quart, one gallon and five gallon containers. KL6548SB Part B is available in short filled half pint and quart and full filled one gallon containers.

Percent Solids by Volume: 78.7 ± 3.0% (mixed)

Percent Solids by Weight: 88.6 ± 3.0% (mixed)

Drying Schedule

Air Dry @ 77°F (25°C) ASTM D5895

Dry to Touch: 4 hours

Dry to Handle: 8 hours

Drying Schedule (continued)

Dry to Recoat: 48 hours

Drying times listed may vary depending on temperature, humidity and air movement.

Application Data

Substrate: Concrete

Substrate Preparation: The service life of the coating is directly related to the surface preparation. The surface to be coated must be properly prepared, dry, clean and free of contamination.

Basecoats: Epoxy Curing Compound

Finish Coats: Epoxy Enamels, Epoxy Hi-Build Enamels

Application Method: Apply by airless spray, broad knife, trowel, squeegee.

Airless Spray: Equipment capable of maintaining a minimum of 2500 psi at the tip without surge. 0.041 (1.041 mm) to 0.055" (1.397 mm) orifice.

Refer to Application Guide APG-2 for additional information.

Parts Base by Volume: 4 parts KL6548S

Parts Catalyst by Volume: 1 part KL6548SB

Thinner Code & Percent: Thinning is not recommended.

Digestion Time: None required

Pot Life: 2 hours 77°F (25°C)

Coverage Sq. Ft./Gal. @ 15 mils: 84 sq. ft./gal.

Mixing Instructions: Under mechanical agitation, mix KL6548S Part A. Add KL6548SB Part B to Part A. Mix until uniform.

Wet Film Per Coat: Flush to 64 mils

Dry Film Per Coat: Flush to 50 mils

Clean Up Solvent KL4093

The statement and methods presented in this bulletin are based upon the best available data and practices known to PPG/Keeler & Long at the present time. They are not representations or warranties of performance, results or comprehensiveness of such data. Since PPG/Keeler & Long is constantly improving its coatings and paint formulas, future technical data may vary somewhat from what was available when this bulletin was printed. Contact your PPG/Keeler & Long Sales Representative for the most up-to-date information.

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Epoxy Surfer
KL6548S/KL6548SB

Additional Information

Apply only when air, product and surface temperatures are at least 55°F (12.8°C) and surface temperature is at least 5°F (3°C) above the dew point.

Store materials at temperatures between 55°F (12.8°C) and 85°F (29.4°C).

Permissible surface temperature during application is 55°F (12.8°C) to 100°F (37.8°C).

*KL6548S/KL6548SB Coating System was evaluated and passed the 7-Day 340°F Design Basis Accident Test per ANSI N101.2 and ASTM D3911.

Not intended for residential use.

Spray equipment must be handled with due care and in accordance with manufacturer's recommendation.

High-pressure injection of coatings into the skin by airless equipment may cause serious injury, requiring immediate medical attention at a hospital.

Read all label and Material Safety Data Sheet (MSDS) information prior to use. MSDS are available by calling 1-800-238-8596.

WARNING! If you scrape, sand, or remove old paint, you may release lead dust or fumes. LEAD IS TOXIC. EXPOSURE TO LEAD DUST OR FUMES CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a properly fitted NIOSH-approved respirator and prevent skin contact to control lead exposure. Clean up carefully with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by contacting the USEPA National Lead Information Hotline at 1-800-424-LEAD or log on to www.epa.gov/lead. In Canada contact a regional Health Canada office. Follow these instructions to control exposure to other hazardous substances that may be released during surface preparation.

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